L Number	Hits	Search Text	DB	Time stamp
1	1	("6488986").PN.	USPAT; US-PGPUB	2004/11/03 18:46
2	18	(("6413584") or ("6364608") or ("6485262") or ("6695587") or ("6391475") or ("6291084") or ("6447854") or ("6533875") or ("6436473") or ("6616969") or ("6682827") or ("6571857") or ("6620524") or ("6582772") or ("6153313") or ("6514629") or ("6283714") or ("6332926")).PN.	USPAT; US-PGPUB	2004/11/03 18:58
3	1106	(427/226).CCLS.	USPAT; US-PGPUB	2004/11/03 19:01
4	1	("0000003").PN.	USPAT; US-PGPUB	2004/11/03 18:58
5	83	((427/226).CCLS.) and (fluoride or iodide or halide) and (Hafnium! or Hf! or yttrium! or Y! or zirconium! or Zr!) and aluminum	USPAT; US-PGPUB	2004/11/03 19:01
6	2560	(427/250,252,253).CCLS.	USPAT; US-PGPUB	2004/11/03 19:01
7	238	((427/250,252,253).CCLS.) and (fluoride or iodide or halide) and (Hafnium! or Hf! or yttrium! or Y! or zirconium! or Zr!) and aluminum	USPAT; US-PGPUB	2004/11/03 19:14
8	235	(((427/250,252,253).CCLS.) and (fluoride or iodide or halide) and (Hafnium! or Hf! or yttrium! or Y! or zirconium! or Zr!) and aluminum) not (((427/226).CCLS.) and (fluoride or iodide or halide) and (Hafnium! or Hf! or yttrium! or Y! or zirconium! or Zr!) and aluminum)	USPAT; US-PGPUB	2004/11/03 19:01
9	166	((427/250,252,253).CCLS.) and (fluoride or iodide or (halide same (I! or F!))) and (Hafnium! or Hf! or yttrium! or Y! or zirconium! or Zr!) and aluminum	USPAT; US-PGPUB	2004/11/03 19:14
10	164	((((427/250,252,253).CCLS.) and (fluoride or iodide or halide) and (Hafnium! or Hf! or yttrium! or Y! or zirconium! or Zr!) and aluminum) not (((427/226).CCLS.) and (fluoride or iodide or halide) and (Hafnium! or Hf! or yttrium! or Y! or zirconium! or Zr!) and aluminum)) and (fluoride or iodide or (halide same (I! or F!))) and (Hafnium! or Hf! or yttrium! or Y! or zirconium! or Zr!) and aluminum	USPAT; US-PGPUB	2004/11/03 19:14
-	171958	(aluminum or Al!) and (halide or fluoride or chloride or iodide or bromide) and (zirconium! or hafnium! or yttrium! or Zr! or Hf! or Y!)	USPAT; US-PGPUB	2002/04/09 10:09
-	15867	Al$3sub.3	USPAT; US-PGPUB	2002/04/08 16:20
-	12155	Zr$3sub.4 or Hf$3sub.4 or Y$3sub.3 or Y$3sub.4	USPAT; US-PGPUB	2002/04/08 16:05
-	1325	Al$3sub.3 and (Zr$3sub.4 or Hf$3sub.4 or Y$3sub.3 or Y$3sub.4)	USPAT; US-PGPUB	2002/04/08 16:09
-	101	(Al$3sub.3 and (Zr$3sub.4 or Hf$3sub.4 or Y$3sub.3 or Y$3sub.4)) and (427/$ or 427/$.$).ccls.	USPAT; US-PGPUB	2002/04/08 16:10
-	45	(Al$3sub.3 and (Zr$3sub.4 or Hf$3sub.4 or Y$3sub.3 or Y$3sub.4)) and (airfoil or turbine)	USPAT; US-PGPUB	2002/04/08 16:24
-	12421	"AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3	USPAT; US-PGPUB	2002/04/08 16:21
-	1873	"ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4	USPAT; US-PGPUB	2003/04/20 12:09
-	488	"HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4	USPAT; US-PGPUB	2003/04/20 12:09
-	37	"YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4	USPAT; US-PGPUB	2003/04/20 12:09

-	678	"YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3	USPAT; US-PGPUB	2003/04/20 12:09
-	2458	("ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4) or ("HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4) or ("YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4) or ("YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3)	USPAT; US-PGPUB	2002/04/08 16:24
-	925	("AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3) and (("ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4) or ("HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4) or ("YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4) or ("YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3))	USPAT; US-PGPUB	2003/04/20 12:11
-	23	(("AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3) and (("ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4) or ("HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4) or ("YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4) or ("YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3))) and (airfoil or turbine)	USPAT; US-PGPUB	2002/04/08 16:37
-	445	"ZrF.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zri4 or zrx4	USPAT; US-PGPUB	2002/04/08 16:36
-	169	"HfF.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfi4 or HfX4	USPAT; US-PGPUB	2002/04/08 16:36
-	36	"YF.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Yi4 or Yx4	USPAT; US-PGPUB	2002/04/08 16:37
-	399	"YF.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Yi3 or Yx3	USPAT; US-PGPUB	2002/04/08 16:37
-	798	("ZrF.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zri4 or zrx4) or ("HfF.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfi4 or HfX4) or ("YF.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Yi4 or Yx4) or ("YF.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Yi3 or Yx3)	USPAT; US-PGPUB	2002/04/08 16:37
-	18	(("ZrF.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zri4 or zrx4) or ("HfF.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfi4 or HfX4) or ("YF.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Yi4 or Yx4) or ("YF.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Yi3 or Yx3)) and (airfoil or turbine)	USPAT; US-PGPUB	2002/04/08 16:37
-	1	("6344282").PN.	USPAT; US-PGPUB	2002/04/09 10:09
-	63	rigney.in.	USPAT; US-PGPUB	2002/04/09 10:10
-	58512	joseph.in.	USPAT; US-PGPUB	2002/04/09 10:10

-	15	rigney.in. and joseph.in.	USPAT; US-PGPUB	2002/04/09 15:46
-	64326	airfoil or turbine	USPAT; US-PGPUB	2002/04/09 15:52
-	449	(airfoil or turbine) and aluminide and zirconium	USPAT; US-PGPUB	2002/04/09 15:52
-	19056	airfoil or (turbine adj engine)	USPAT; US-PGPUB	2002/04/09 15:52
-	345	(airfoil or (turbine adj engine)) and aluminide and zirconium	USPAT; US-PGPUB	2002/04/09 15:53
-	153	(airfoil or (turbine adj engine)) and (aluminide same zirconium)	USPAT; US-PGPUB	2002/04/09 15:53
-	228	(airfoil or (turbine adj engine)) and aluminide and zirconium!	USPAT; US-PGPUB	2002/04/09 15:53
-	185	(airfoil or (turbine adj engine)) and aluminide and ((zr! or zirconium!) same (molar or weight))	USPAT; US-PGPUB	2002/04/09 16:13
-	21	(airfoil or (turbine adj engine)) and aluminide and ((zr! or zirconium!) same (molar or atomic))	USPAT; US-PGPUB	2002/04/09 16:50
-	3	"5989733" and "5261963"	USPAT; US-PGPUB	2002/04/09 16:59
-	2	"5989733" and airfoil	USPAT; US-PGPUB	2002/04/09 16:58
-	4	airfoil and "5261963"	USPAT; US-PGPUB	2002/04/09 16:59
-	3	(("5989733") or ("5261963") or ("5658614")).PN.	USPAT; US-PGPUB	2002/04/10 11:30
-	7	(CVD and (((zircononium or Zr! or hafnium of Hf! or yttrium or Y!) adj (halide or chloride or fluoride or iodide or bromide)) with (solid or evaporat$6)))	USPAT; US-PGPUB	2003/04/13 13:04
-	1	((CVD and ((aluminum adj (halide or chloride or fluoride or iodide or bromide)) with (solid or evaporat$6)))) and ((CVD and (((zirconium or Zr! or hafnium of Hf! or yttrium or Y!) adj (halide or chloride or fluoride or iodide or bromide)) with (solid or evaporat$6))))	USPAT; US-PGPUB	2003/04/13 13:04
-	11	(CVD and (((zirconium or Zr! or hafnium of Hf! or yttrium or Y!) adj (halide or chloride or fluoride or iodide or bromide)) with (solid or evaporat$6)))	USPAT; US-PGPUB	2003/04/13 13:07
-	37	(CVD and ((aluminum adj (halide or chloride or fluoride or iodide or bromide)) with (solid or evaporat$6)))	USPAT; US-PGPUB	2003/04/13 13:11
-	2200	"ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4	USPAT; US-PGPUB	2003/04/20 12:09
-	609	"HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4	USPAT; US-PGPUB	2003/04/20 12:09
-	45	"YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4	USPAT; US-PGPUB	2003/04/20 12:09
-	794	"YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3	USPAT; US-PGPUB	2003/04/20 12:10
-	14078	"AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3	USPAT; US-PGPUB	2003/04/20 12:22

–	913	((("ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4) or ("HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4) or ("YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4) or ("YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3)) and (slurry or pack)) and (("AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3) or aluminum or al!)	USPAT; US-PGPUB	2003/04/20 12:12
–	259	((("ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4) or ("HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4) or ("YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4) or ("YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3)) and (slurry or pack)) and ("AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3)	USPAT; US-PGPUB	2003/04/20 12:24
–	923	(("ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4) or ("HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4) or ("YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4) or ("YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3)) and (slurry or pack)	USPAT; US-PGPUB	2003/04/21 10:55
–	65	("AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3) same pack	USPAT; US-PGPUB	2003/04/20 13:20
–	39	(("ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4) or ("HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4) or ("YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4) or ("YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3)) and (pack)	USPAT; US-PGPUB	2003/04/20 12:28
–	14	((("ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4) or ("HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4) or ("YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4) or ("YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3)) and (pack)) and ("AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3)	USPAT; US-PGPUB	2003/04/20 12:24

-		25	((("ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4) or ("HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4) or ("YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4) or ("YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3)) and (pack)) not (((("ZrF.sub.4" or "ZrCl.sub.4" or "ZrBr.sub.4" or "ZrI.sub.4" or "ZrX.sub.4" or Zrf4 or zrcl4 or zrbr4 or zri4) or ("HfF.sub.4" or "HfCl.sub.4" or "HfBr.sub.4" or "HfI.sub.4" or "HfX.sub.4" or Hff4 or Hfcl4 or Hfbr4 or Hfi4) or ("YF.sub.4" or "YCl.sub.4" or "YBr.sub.4" or "YI.sub.4" or "YX.sub.4" or Yf4 or Ycl4 or Ybr4 or Yi4 or Yx4) or ("YF.sub.3" or "YCl.sub.3" or "YBr.sub.3" or "YI.sub.3" or "YX.sub.3" or Yf3 or Ycl3 or Ybr3 or Yi3 or Yx3)) and (pack)) and ("AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3))	USPAT; US-PGPUB	2003/04/20 12:28
-		46	("AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3) and (pack adj diffusion)	USPAT; US-PGPUB	2003/04/20 13:20
-		4	("AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3) same (pack adj diffusion)	USPAT; US-PGPUB	2003/04/21 12:47
-		32	(("AlF.sub.3" or "AlCl.sub.3" or "AlBr.sub.3" or "AlI.sub.3" or "AlX.sub.3" or Alf3 or alcl3 or albr3 or ali3) and (pack adj diffusion)) and (hafnium or Hf or yttrium or Y! or zirconium or Zr!)	USPAT; US-PGPUB	2003/04/21 11:01
-		2	(("3762885") or ("3764373")).PN.	USPAT; US-PGPUB	2003/04/21 11:02
-		3	(("3951642") or ("4066806") or ("4142023")).PN.	USPAT; US-PGPUB	2003/04/21 12:47
-		1	((("3951642") or ("4066806") or ("4142023")).PN.) and airfoil	USPAT; US-PGPUB	2003/04/21 12:52
-		0	((("3951642") or ("4066806") or ("4142023")).PN.) and platinum	USPAT; US-PGPUB	2003/04/21 13:06
-		7	(("3951642") or ("4066806") or ("4142023") or ("3764373") or ("4655040") or ("4901669") or ("4180400")).PN.	USPAT; US-PGPUB	2003/04/21 13:08
-		1	4142023.pn. and air	USPAT; US-PGPUB	2004/01/09 18:31